



Item Unique Identification (IUID)



DoN IUID Enterprise Training Symposium Three (DIETS3)

Naval Operating Base, Norfolk, VA

SEA 04L2

8 April 2010

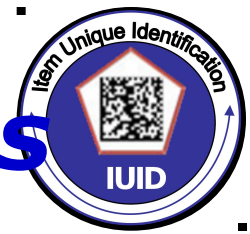


Overview



- IUID Mandated Policy
- DoN Aligned Objectives
- DoN Enterprise/Stakeholders
- NAVSEA's Goals
- IUID...an enabler to support goals
- NAVSEA 04L's Call to Action
- IUID IPT Governance Overview
- IUID IPT Deliverables
- Interrelated Documents
- Draft NAVSEAINST 4440.XX
- Draft NAVSEA IUID Implementation Strategy
- Near Term
- IUID (POCs)
- Questions

DoN Aligned Objectives



Secretary of the Navy

- Provide Total Naval Workforce
- Prosecute Global War on Terrorism
 - Build the Force For Tomorrow
 - Safeguard People
 - Strengthen Ethics
- Provide First-Rate Facilities



Chief of Naval Operations

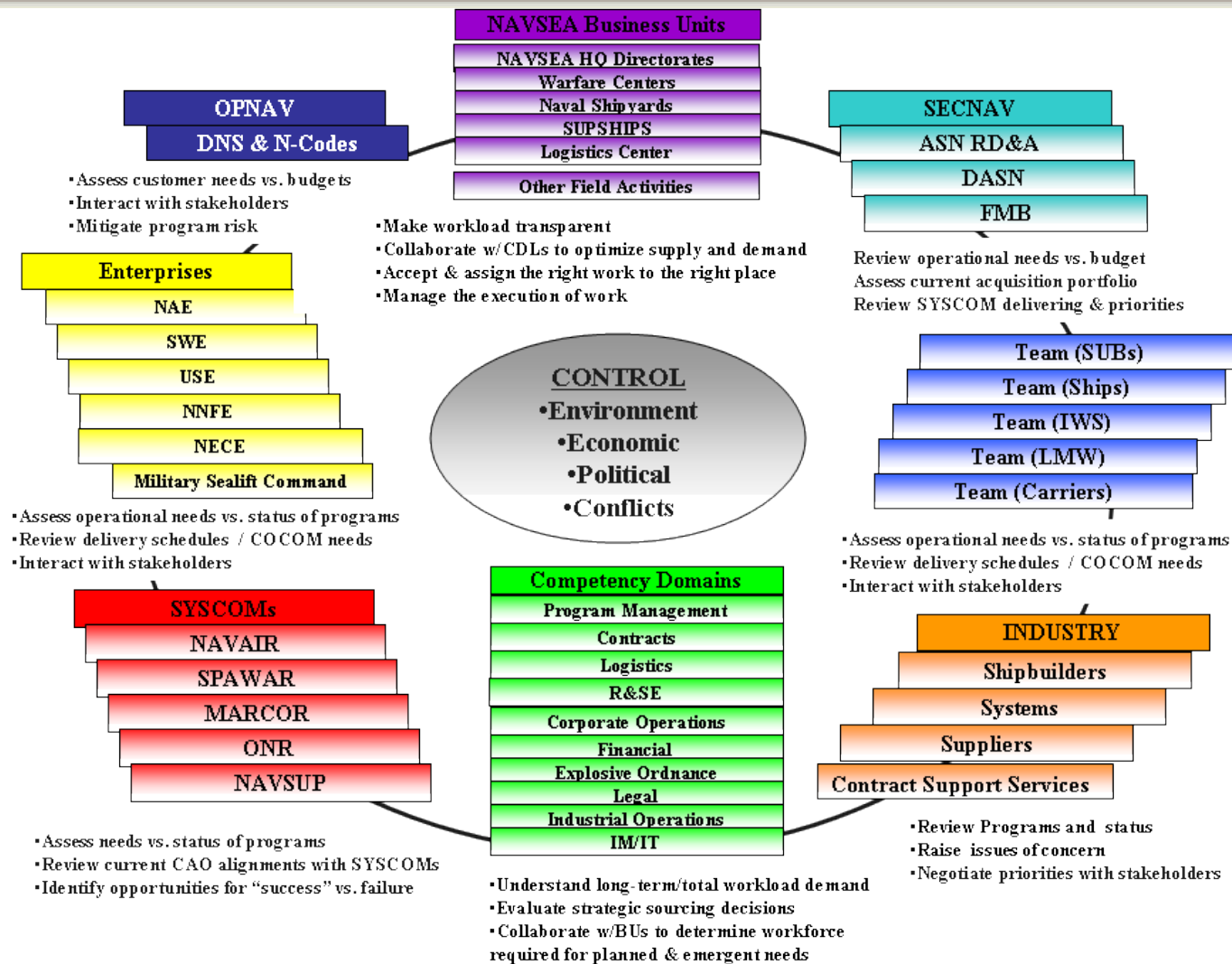
- Build a Navy for Tomorrow
- Maintain Current Warfighting Readiness
 - Provide for Our People



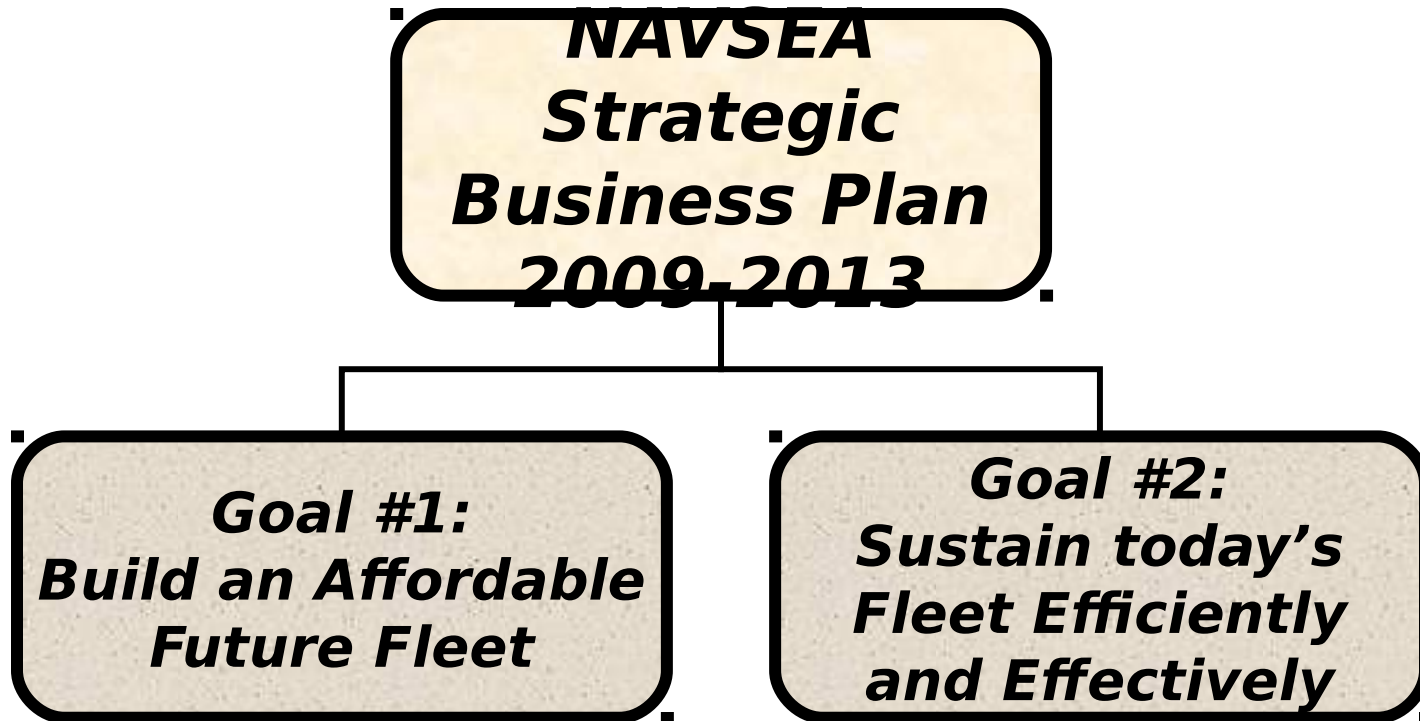
Naval Sea Systems Command

- Build an Affordable Future Fleet
- Sustain Today's Fleet Efficiently and Effectively
 - Enable Our People

DoN Enterprise/Stakeholders



NAVSEA's Goals



Implementation of IUID Supports both Goals



IUID... AN ENABLER TO SUPPORT GOALS



The utilization of IUID supports total life cycle management of new acquisition, legacy assets and Total Ownership Cost Reduction (TOC-R) which provides:

1. Accountability & control of DoD assets
2. Readiness: Differentiation of like items, identification of bad actors, more precise recalls, more accurate maintenance records
3. Resource efficiencies: Labor, data entry, inventories, forecasts, warranty management, targeted maintenance
4. Data Quality: Accurate DoD databases, granularity of data needed for management
5. Risk reduction: Improved in-transit visibility, correct item information for proper asset management



NAVSEA 04L's Call to Action



- NAVSEA 04L responds to the Warfighter's demand signal and stands up the "NAVSEA IUID Implementation IPT"
- NAVSEA 04L endorsed the IUID Implementation IPT Charter

NAVSEA IUID IMPLEMENTATION CHARTER

Team Name:	NAVSEA IUID Implementation Working Group IPT	Formation Date:	19 Aug 09
Team Leader:	RDML Nicholas Kalathas/SEA 04L	Phone #:	(202) 781-1789
Frequency:	Bi-Weekly	Day:	Thursday
Time:	1100-1200	Location:	WNY

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Co-Chairman				
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Scott Finn	NUWC	Sub Warfare Ctr	(401) 852-5006 scott.finn@navy.mil

MISSION

Develop an IUID implementation strategy, process, plan and procedures for NAVSEA and affiliated Program Executive Offices (PEOs) that meet programmatic and technical requirements of DoD/DoN

SCOPE (Define the 'start' and 'stop' points of the process.)

Start: When requirements are identified that necessitates IUID development.

Stop: Successful implementation/execution of the IUID Registry.

NAVSEA IUID IMPLEMENTATION CHARTER

BOUNDARIES (Describe associated sub-processes and steps specifically included or excluded from the activities of this team.)

Includes:

- All product data provided to the Warfighter Enterprises in support of reliability and maintainability, total ownership costs (TOC) and program/system task demand signals
- Processes provided in support of PEOs, Program Offices' (PM's) and acquisition lifecycle phases
- IUID integration data at all levels (platform, systems and component)

Excludes:

- Product data that crosses multiple enterprise processes where associated opportunities and principles may be functionally applicable in other Warfare Enterprise applications. (Accordingly, the IUID working group integrated product team (WGIPT) will seek to leverage process improvements across those enterprises)

DELIVERABLES

- A roadmap defining implementation of a staunch IUID data integration process
- Metrics for the current and future state processes (results must include impacts on readiness and cost; drivers would include cycle time and first past yield (FPY))
- Identification and ranking of business and technical opportunities that can be achieved from implementing the future state process within the recommended framework
- A policy defining and detailing the functionality of a NAVSEA sponsored integrated IUID process
- A definition of the to-be-state process for executing the NAVSEA sponsored IUID process

EXPECTED IMPACT

- Aligns current PEO IUID initiatives (Focused on better supporting of the overall Navy Enterprise readiness and reductions of Total Ownership Cost (TOC))
- Broadening of program and system integration agreements across warfare enterprises
- Mandates the use of the NAVSEA sponsored IUID integrated data environment

NAVSEA IUID IMPLEMENTATION CHARTER

WHEN IS THE TEAM DONE?

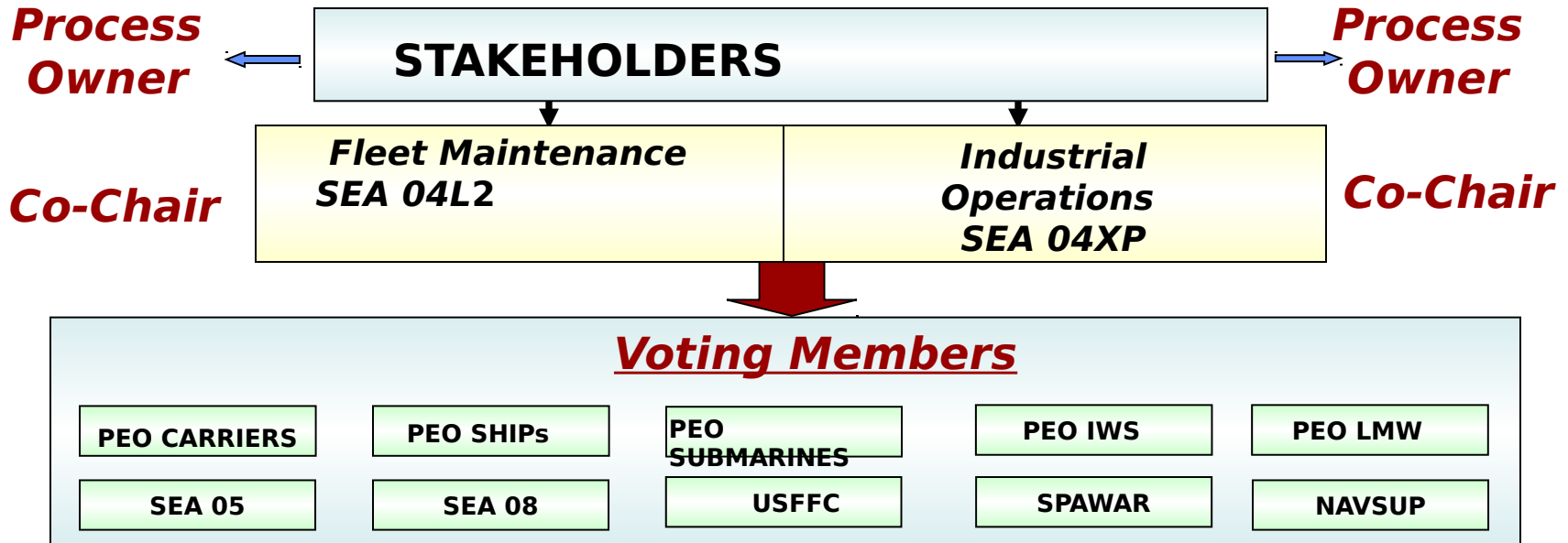
- Upon acceptable receipt of deliverables by DoN

FLEET LOGISTICS SUPPORT IUID CHARTER APPROVAL

RDML Nicholas Kalathas

8/19/09
Date

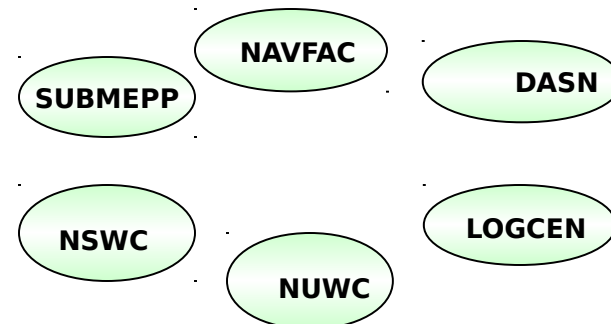
IPT Governance Overview



Concept of Operations

- IUID IPT - Self Directed with guidance from Process Owners
- IPT has authority to call on/add Subject Matter Experts, as needed

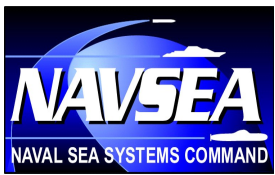
Associate Members



IUID IPT Deliverables




- Standard Business Process
 - Policy defining and detailing an integrated IUID process
 - ✓ NAVSEAINST XX
 - ✓ NAVSEA IUID Implementation Strategy
 - ▲ These documents complement each other
- Automated Information System (AIS) Integration
 - Roadmap defining the implementation of a integration process
 - ❖ To be defined by PLM
- Interface with DoD IUID Registry
 - Definition of the to-be-state process for executing the IUID process
 - ✓ Using the established interface between MFOM, QCTS and the IUID Registry



Interrelated Documents



NAVSEA IUID Implementation Strategy and NAVSEAINST 4440.XX Where NAVSEA's IUID Implementation Solution Begins!



DEPARTMENT OF THE NAVY
NAVAL SEA SYSTEMS COMMAND
1333 ISAAC HULL AVE SE
WASHINGTON NAVY YARD DC 20376-0001

In Reply to
NAVSEAINST
4440.XX
Ser 04L/XX
05 March 2010

NAVSEA INSTRUCTION 4440.XX

From: Commander, Naval Sea Systems Command

Subj: IMPLEMENTATION OF ITEM UNIQUE IDENTIFICATION WITHIN
THE DEPARTMENT OF THE NAVY

Ref: (a) DoD Instruction 8320.04 of 16 Jun 08
(b) SECNAVINST 5400.15C of 13 Dec 2007
(c) U.S. Department of Defense, Annual Report to the
Congressional Defense Committees, Status of the
Department of Defense Business Transformation
Efforts of 15 Mar 08
(d) SECNAVINST 4006.1 of 31 Dec 2007
(e) Navy Logistics Integration, Strategic Plan of
Sep 05
(f) DoD Directive 8320.03 of 23 Mar 07
(g) SECNAVINST 4400.34 of 22 Dec 2009

DRAFT


1. Purpose. The purpose of this instruction is to identify standardized roles and responsibilities within NAVSEA and affiliated Program Executive Offices (PEO's) /Direct Reporting Program Managers (DRPM's) regarding the Unique Identification (UID) of tangible items of personal property, equipment, and materiel.

2. Cancellation. This is the initial NAVSEAINST on this subject and remains in effect until a written cancellation is published.

3. Background. SECNAVINST 4440.34, Implementation of IUID within the Department of the Navy was signed into effect on 22 December 2009. It provides criteria for IUID marking and sets forth compliance milestones for achieving complete marking and registration.



NAVAL SEA SYSTEMS COMMAND
ITEM UNIQUE IDENTIFICATION (IUID)
STRATEGY PLAN



DRAFT

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Draft NAVSEAINST 4440.XX



- The purpose of this instruction is to identify standardized roles and responsibilities within NAVSEA and affiliated PEO's / DRPM's regarding UID of tangible items of personal property, equipment, and material.

- Identify NAVSEA IUID champion
- Establish NAVSEA IUID policy
- Implementation of IUID for new acquisition and legacy items throughout their lifecycle
- Meet the requirement of SECNAVINST 4440.34

 **DEPARTMENT OF THE NAVY**
NAVAL SEA SYSTEMS COMMAND
1333 ISAAC HULL AVE SE
WASHINGTON NAVY YARD DC 20376-0001

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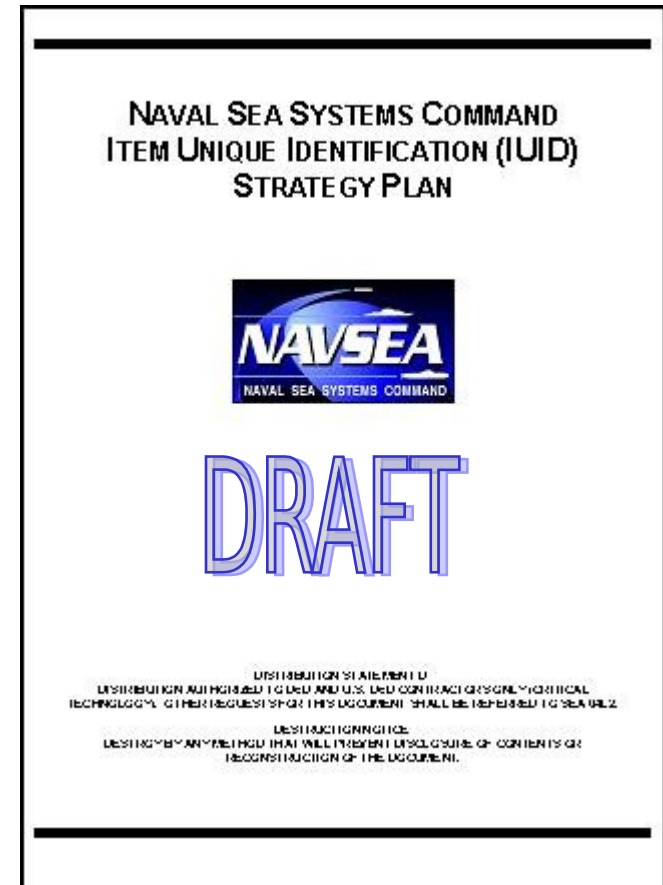
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Draft NAVSEA IUID Implementation Strategy



- NAVSEA IUID Implementation Strategy is intended to provide managers with sufficient guidance in the preparation of an IUID implementation Plan as follows.
- Provide a level of understanding of IUID throughout the implementation process
 - Identifies the different paths available in order to achieve implementation success
 - Recognize potential pitfalls associated with various implementation paths.
 - Meets the requirements set forth in NAVSEAINST 4440.XX





Near Term



- Promulgate NAVSEA IUID Implementation Strategy
- Promulgate NAVSEAINST 4440.XX
- Brief/Update NAVSEA Senior Leadership on SEA 04L's IUID Implementation Program
- Report-out on SEA 04L's IUID program alignment with DoN strategic goals
- Implement NAVSEA IUID WEBEX Tutorial
- Publish NAVSEA's "IUID Pulse" Quarterly Newsletter
- Conduct first NAVSEA IUID Forum day at the Washington Navy Yard June 2010



NAVSEA IUID POCs



- **NAVSEA 04L2 IUID Lead**

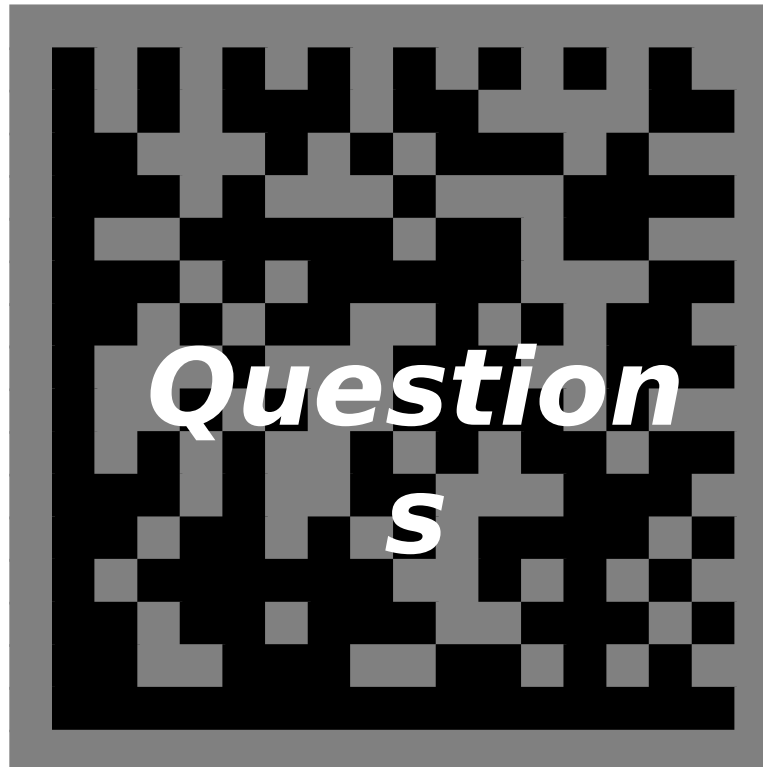
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- **SEA 04L2 Support**

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Policy



- DoD Instruction 8320.04, "Unique Identification (UID) Standards for Tangible Personal Property" 6/16/08
- DoD Directive 8320.03, "Unique Identification (UID) Standards for a Net- Centric Department of Defense," 3/23/07
- Defense Federal Acquisition Regulation Supplement, Subpart 211.274, "Item Identification and Valuation Requirements," current edition1
- DoD 4140.1-R, "DoD Supply Chain Materiel Management Regulation," 5/23/03
- DoD Instruction 5000.64, "Accountability and Management of DoD-Owned Equipment and Other Accountable Property," 11/02/06
- DoD Instruction 4151.19, "Serialized Item Management (SIM) for Materiel Maintenance", 12/26/06

- Military Standard (MIL-STD) 130 "DoD Standard Practice